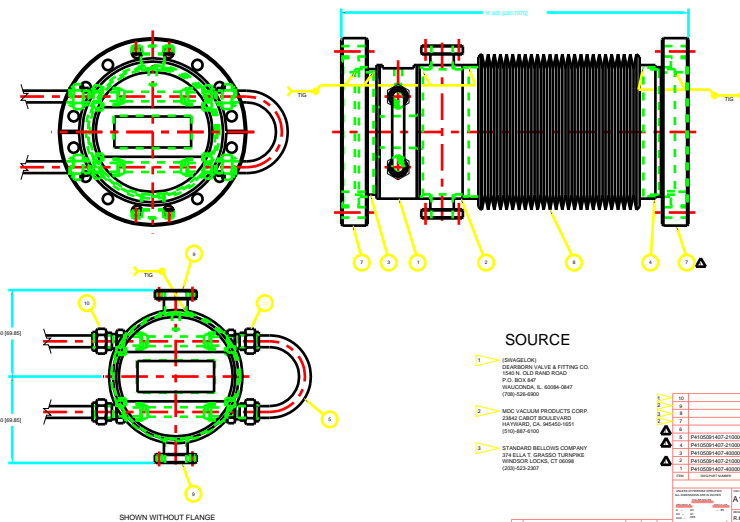


(D) PLOT SCALE: 1=1 DWG. SCALE: 1 A1838801



ARGONNE NATIONAL LABORATORY		PARTS LIST	
REV	DESCRIPTION	QUANTITY	UNIT
1	87 ID BEAM MIS-STEERING SAFETY MONITOR ASSEMBLY	1	ASSEMBLY
2	87 ID BEAM MIS-STEERING SAFETY MONITOR COOLING BLOCK	1	BLOCK
3	87 ID BEAM MIS-STEERING SAFETY MONITOR FEED-THROUGH TUBE	1	TUBE
4	87 ID BEAM MIS-STEERING SAFETY MONITOR SHORT TUBE	1	TUBE
5	87 ID BEAM MIS-STEERING SAFETY MONITOR LONG TUBE	1	TUBE
6	87 ID BEAM MIS-STEERING SAFETY MONITOR COOLING TUBE	1	TUBE

(D) PLOT SCALE: 1=1 DWG. SCALE: 1 A1838801



### SOURCE

1. (SWAGELON) SWAGELON VALVE & FITTING CO. 1545 N. OLD BRIDGE ROAD WILKONDA, IL 60094-0847 (708) 505-0501
2. MOD VACUUM PRODUCTS CORP. 2880 CABOT BOULEVARD HAYWARD, CA 94505-0001 (510) 487-1100
3. STANDARD BELLOWS COMPANY 374 HULLY, GARDEN CITY TURNPIKE HUNTSVILLE, AL 35894 (205) 625-1387

- NOTES
1. THIS IS A LIFT ASSEMBLY. KEEP THE LIFT PARTS CLAMPING ASSEMBLY AND WRAP UP FOR PACKING WITH ALUMINUM FOL.
  2. THE ASSEMBLY SHALL BE LEAK TESTED USING A MASS SPECTROMETER WITH A MINIMUM SENSITIVITY FOR HELIUM OF 2 X 10<sup>-10</sup> STANDARD CUBIC PER LEAK-METER DURATION, 500 PSI.
  3. CALIBRATION OF THE LEAK DETECTOR SENSITIVITY SHALL BE PERFORMED JUST PRIOR TO TESTING.
  4. FINAL TEST WILL CONSIST OF SURROUNDING THE CHAMBER BRASSING WITH HELIUM. THE CHAMBER WILL BE REJECTED IF A FL DETECTION IN THE MOST SENSITIVE RANGE OF THE LEAK DETECTOR IS SENSITIVE WITHIN 100.
  5. WELDS SHALL BE GAS TUNGSTEN ARC (GTAW) OR TUNGSTEN INERT GAS (TIG) ON VACUUM SIDE OF Joints.
  6. BEFORE ASSEMBLY OF SWAGELON MALE CONNECTORS, USE SILVER COOP THREAD LUBRICANT TO ALLOW CONNECTOR TO BE DISASSEMBLED WITHOUT SPECIAL TOOLS.
  7. WATER PRESSURE TEST AT 300 PSI AFTER ASSEMBLING.
  8. ALL DIMENSIONS IN ( ) ARE MILLIMETERS AND ARE FOR REFERENCE ONLY.
  9. TOLERANCE SPECIFICATIONS TO CONFORM TO TOLERANCE BLOCK.
- INSTRUCTIONS FOR INSTALLATION OF TUBING
1. THE NUT OF SWAGELON TUBE FITTING SHALL BE TIGHTEN 1/4 TURN FOR FULL PULL-UP. THE SWAGELON GASKET PERFECTOR GASKET SHALL BE USED TO CHECK FOR SUFFICIENT PULL-UP.

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